



CONFIGURATION MIGRATION UTILITY

FortiConverter™ 4.7

Release Notes



FortiConverter™ 4.7 Release Notes

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Revision 1

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Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter™ 4.7, build 737.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks and Alcatel-Lucent Brick configurations. It also supports the conversion of FortiOS to a different FortiOS version.

A trial version is available, which provides full functionality for Fortigate-to-Fortigate tasks. For other conversions, the trial version allows you to perform some functional testing before you buy. In most cases, this limited functionality is sufficient for initial product evaluation.

SKU	Description
FC-10-CON01-401-01-12	1-Year Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.
FC-10-CON01-401-02-12	1-Year Renewal Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.

Note: If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

What's new

The following features are new or enhanced in FortiConverter™ 4.7:

- **Junos OS NAT merge review** — FortiConverter can now perform a NAT merge between security rules and NAT tables based on address comparison. The NAT tuning page now provides details about the conversion logic for FortiGate NAT policies.
- **FortiOS 4.x to 5.x conversion** — FortiConverter now supports a limited conversion from FortiOS 4.x to FortiOS 5.x.
- **Junos OS Logical System (LSYS) and ScreenOS Virtual System (VSYS)** — FortiConverter converts LSYS and VSYS to FortiGate VDOMs.
- **Save FortGate conversions using the trial version** — You do not need to upload a paid license for FortiConverter before you can save your Fortinet-to-Fortinet conversions.
- **Results page web UI enhancements** — The wizard's Conversion Result page is now grouped into categories for quick review. An Export button allows you to save conversion statistics as an HTML page.
- **Policy review wizard page** — This additional page displays detailed address/service object list information.
- **Import instructions** — The conversion headers of FortiConverter output files now provide instructions for building the new configuration file. For FortiGate-to-

FortiGate conversions, you restore the outputs, and for Snort conversions, you import the outputs.

System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Windows 8 (32/64 bit)
- Windows 7 (32/64 bit)
- Windows Vista (32/64 bit)
- Windows XP (32 bit)

Supported vendors

FortiConverter can convert firewall configurations from the following vendors:

Alcatel-Lucent Brick

OS: 9.x

Check Point

Smart Center with OS NG FP1 (4.0) to NGX R76

Provider-1 with OS NGX R65 to R76

Cisco IOS

OS: 10.x / 11.x / 12.x / 15.x

Cisco PIX/ASA/FWSM

PIX: 5.x / 6.x / 7.x / 8.x

ASA: 7.x / 8.x

FWSM: 2.x / 3.x / 4.x

Juniper

SSG ScreenOS 5.x / 6.x

SRX Junos OS 10.x, / 11.x / 12.x

Palo Alto Networks

PAN OS: 1.x to 6.x

SonicWall NSA

OS: SonicOS Enhanced 5.x

Supported conversions

Alcatel-Lucent Brick

Partition
Interface (physical, logical, loopback, PPPoE)
Address/ address group
Services/ service group
Static routes
Zone rule set

Check Point

Interface (physical, logical, loopback, PPPoE)
Addresses / address group
Service / service group
Schedules
Rule
NAT (automatic NAT / rule NAT)
VPN (IPsec)
Local user / user group
AAA server (RADIUS / TACACS+ / LDAP)
Static route

Cisco

Interface (physical, logical, loopback, PPPoE, tunnel)
Address / address group
IP pool
Time-range
DHCP server
Service / service group
Static routes
ACL
NAT
VPN (IPSEC, PPTP / L2TP)
Local user / user group
AAA server (Radius / TACACS+/LDAP)

Juniper

Interface (physical, logical, loopback, PPPoE, tunnel)
Zone
DHCP server / client / relay
Policy
NAT
Address / address group / FQDN
IP pool
VIP / MIP

- Service/service group
- Static routes
- VPN (IPSEC, PPTP / L2TP)
- Local user / user group

Palo Alto Networks

- Addresses & Address Groups & FQDNs
- Interfaces
- Local Users & Groups
- NAT (partial)
- Policies
- Schedules
- Static Routes
- Services & Service Groups
- Zones

SonicWall NSA

- Interface (physical, logical, loopback, PPPoE)
- Zone
- DHCP server / client / relay
- Policy
- NAT
- Address/ address group
- Services/ service group
- Static routes
- Schedule
- Local user / user group

Installation

Refer to the *FortiConverter User Guide* for installation details. Go to:
<http://docs.fortinet.com/d/forticonverter-4-7-0-user-guide>

Resolved issues

The resolved issues listed below do not include every bug that has been corrected with this release. For inquiries about a particular bug, please contact the support email alias fconvert_feedback@fortinet.com.

Table 1: Resolved Issues

Bug ID	Description
266476	Netscreen policy conversion does not apply IP pool (set ippool & set poolname)
266586	Netscreen MIP Handling: policy allowing mappedip outbound is not converted with source NAT
267140	SRX service objects with only source port defined are incorrectly converted
267142	Invalid SRX objects are migrated
267509	Cisco FWSM configuration only maps to root vdom
267544	Cisco nameif not used as interface name
267546	Cisco conversion incorrectly maps standby IP to secondary IP
267563	Cisco FWSM route conversion adds incorrect route entries
267565	Cisco FWSM conversion does not use default FortiOS objects
267567	Cisco FWSM static NAT conversion incorrectly assigns interface to VIPs
267568	Cisco FWSM conversion generates redundant policies for Cisco static NAT
267574	Renaming interfaces on the tuning page does not affect entire configuration
267662	Add support for older SonicWall configuration format
267663	ScreenOS: Juniper to Fortigate DIP with multiple address sources
267934	Netscreen conversion does not convert rule logging options
269586	SRX: Log on Session Init does not convert
269588	SRX: Global policies are ignored/not converted
269591	SRX: Custom service TTL are not migrated

272749	SRX "inactivity timeout never" is now converted to maximum Fortigate timeout
272750	SRX conversion sets zones to deny intrazone traffic
272886	Cisco conversion crashes due to default object name conflicts
272888	Juniper conversion hangs and crashes using build 666
272892	Clarified web UI text on Fortigate to Fortigate conversion
272901	Confusing text in Alcatel-Lucent conversion source selection
275972	ASA VPN phase2 conversion enables IPSEC DHCP by default

